

NHA showcases use of artificial intelligence to strengthen transparency and integrity in India's digital health ecosystem at CVC workshop

AI Transforming Public Health Delivery: From Reactive Fraud Detection to Proactive Integrity Management: Dr. Sunil Kumar Barnwal

Discussions held on leveraging AI for Operational Efficiency and Preventive Vigilance

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The National Health Authority (NHA) showcased its pioneering use of Artificial Intelligence (AI) in strengthening transparency and integrity within India's digital health ecosystem at a high-level workshop organized by the Central Vigilance Commission (CVC) at Bharat Mandapam, New Delhi, as part of Vigilance Awareness Week 2025.



On the occasion, Dr. Sunil Kumar Barnwal, IAS, CEO, National Health Authority (NHA), participated as a distinguished speaker in both sessions of the workshop. He shared insights on the integration of AI within India's digital health ecosystem, particularly through flagship initiatives such

as the Ayushman Bharat Digital Mission (ABDM) and Ayushman Bharat – Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).



Delivering a focused presentation on “Fraud Detection in Government Health Schemes using AI” under the theme “Transforming Public Service Delivery: Potential Applications of AI in Health Systems”, Dr. Barnwal highlighted NHA’s innovative use of AI and Machine Learning to identify, prevent, and address fraudulent activities in real time.



Dr. Barnwal also emphasized that, “Artificial Intelligence and Machine Learning are revolutionizing the world’s largest public health assurance scheme—shifting the paradigm from reactive fraud detection to proactive integrity management. This transformation is enabling greater transparency, accountability, and equity in every citizen’s healthcare journey.”



NHA's proactive adoption of AI-based tools and data analytics continues to play a pivotal role in ensuring that public resources are utilized efficiently and beneficiaries receive rightful access to healthcare services under AB PM-JAY.



The workshop, organized by CVC, focused on the transformative role of Artificial Intelligence and emerging technologies in promoting ethical governance and operational efficiency across government systems.

The deliberations were structured around two thematic sessions — “AI and Emerging Technologies: Past, Present and Future” and “Leveraging AI for Operational Efficiency and Preventive Vigilance.” The sessions explored the evolution and future potential of artificial intelligence and related technologies, and discussed their application in enhancing transparency, improving efficiency, and strengthening preventive vigilance mechanisms across government systems.



The workshop brought together senior officials, domain experts, and representatives from various ministries and organizations to deliberate on the integration of technology in governance processes aimed at ensuring transparency, accountability, and preventive vigilance.

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